

U.S. Bureau of Reclamation  
**Emergency Condition Notification Form**

**Date** July 2, 2011 Update      **Time:** 10:00 AM (MDT)

**Facility Affected:** Clark Canyon Dam      **River(s) Affected:** Beaverhead River

**Organizations Receiving this Notification:**

Beaverhead County Dispatch 24-hour Warning Point  
Madison County Dispatch 24-hour Warning Point  
Gallatin County Dispatch 24-hour Warning Point  
Jefferson County Dispatch 24-hour Warning Point  
Broadwater County Dispatch 24-hour Warning Point  
Montana State Disaster & Emergency Services – Helena  
National Weather Service Forecaster in Great Falls  
U.S. Army Corps of Engineers, Omaha  
Great Plains Regional Office  
U.S. Bureau of Land Management  
U.S. Forest Service

**1. Condition Description**

Inflows into Lima Dam (Owned and Operated by Beaverhead County Red Rock River Water and Sewer District) remain high resulting in the reservoir continuing uncontrolled releases into the Red Rock River upstream of Clark Canyon Dam. As a result Clark Canyon Dam also continues to see elevated inflows. Additionally, the Corps of Engineers has requested that Reclamation utilize replacement storage at Clark Canyon Dam to assist with downstream flooding. With this request and forecasted runoff Reclamation anticipates reservoir elevations of Clark Canyon Dam to continue to increase further into the flood pool and remain there for several weeks.

In accordance with the Clark Canyon Dam Emergency Action Plan (EAP), reservoir elevations at Lima Dam in excess of 6581.3 place Clark Canyon Dam at an elevated response level requiring notifications to downstream authorities and affected agencies. **This is only a result of Lima Dam reservoir elevations exceeding 6581.3. There are no dam safety related conditions or concerns with Clark Canyon Dam.**

Below are the current conditions at Clark Canyon Dam as of 8:00 a.m. July 2, 2011.

- Elevation = 5554.48 (8.38 feet into flood pool, 56.9% of flood control space utilized)
- Storage = 219,415 acre-feet
- Inflow (12-hr avg.) = 810 cfs
- Discharge = 470 cfs

Below are the current conditions at Lima Dam as of 8:00 a.m. July 2, 2011.

- Elevation = 6582.04 (0.74 feet above uncontrolled spillway)
- Storage = 79,811 acre-feet
- Inflow (12-hr avg.) = 530 cfs
- Discharge = 530 cfs

## **2. Potential River Levels and Times of Arrival**

<u>Beaverhead River Location</u>	<u>Approximate Travel Time</u>
Barrets	4-5 hours
Dillon	10-12 hours
Twin Bridges	30-36 hours

## **3. Actions Taken by Reclamation**

Current Clark Canyon Dam releases are 470 cubic feet per second (cfs). Future increases should be anticipated as warm weather drives irrigation demand. Reclamation continues to monitor river levels both upstream and downstream of Clark Canyon Dam, as well at conditions at Clark Canyon Dam and Lima Dam and will issue further notifications as conditions warrant.

## **4. Actions Expected of Downstream Agencies**

Downstream agencies should take these reservoir levels and flows combined with existing downstream tributary flows entering the Beaverhead River when determining potential actions.

## **5. For Additional Information**

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## **6. Media Inquiries:**

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